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(54) Title: EXTRACELLULAR VESICLES FROM NON-PATHOGENIC AMOEBAE USEFUL AS VEHICLE FOR TRANSFERRING A MOLECULE OF INTEREST TO AN EUKARYOTIC CELL

(57) Abstract: The invention relates to membrane vesicles from non-pathogenic amoeba, in particular from the amoeba *Dictyostelium discoideum*, containing a molecule of therapeutic interest, to a method of preparing such vesicles and to the use of said vesicles as a vehicle for transferring the molecule of therapeutic interest to an eukaryotic mammalian cell.

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